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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

OCT 28 2003

(37 CFR 1.38(b))


APPLICANT:
Hisashi OhtaniFILING DATE
February 10, 1998

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA						
AB						
AC						
AD						
AE						
AF						
AG						
AH						
AI						
AJ						
AK						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	8-172050		Japan				
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

AQ	
AR	
AS	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

OCT 28 2003

Sheet 1

Substituted Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAttorney's Docket No.
07977/226001/US3548Application No.
09/021,639Information Disclosure Statement
by Applicant

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant
Hisashi OhtaniFiling Date
February 10, 1998Group Art Unit
2822

U.S. Patent Documents

Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
SP	AA	5,840,118	11/24/98	S. Yamazaki	117	103	
	AB						
	AC						
	AD						
	AE						
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	AK						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
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	AR	
	AS	
	AT	

Examiner Signature

James Park

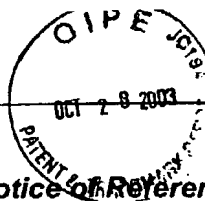
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2-1-90

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Substitute Disclosure Form (PTO-1449)



Notice of References Cited

Application/Control No.

09/024,639

Applicant(s)/Patent Under
Re xamination
OHTANI, HISASHI

Examiner

James Park

Art Unit

2822

Page 1 of 1

U.S. PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
							APS	OTHER
<input checked="" type="checkbox"/>	A	5,612,250	Mar. 1997	Ohtani et al.	437	101	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	B	5,616,506	Apr. 1997	Takemura	438	150	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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<input checked="" type="checkbox"/>	D	5,643,826	Jul. 1997	Ohtani et al.	437	88	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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FOREIGN PATENT DOCUMENTS

*		DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS	DOCUMENT SOURCE **	
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NON-PATENT DOCUMENTS

*		DOCUMENT (Including Author, Title Date, Source, and Pertinent Pages)	DOCUMENT SOURCE **	
			APS	OTHER
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<input type="checkbox"/>	V		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	W		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	X		<input type="checkbox"/>	<input type="checkbox"/>

A copy of this reference is not being furnished with this Office action. (See Manual of Patent Examining Procedure, Section 707.05(a).)
APS encompasses any electronic search i.e. text, image, and Commercial Databases.

S. Patent and Trademark Office
TO-892 (Rev. 03-98)

Notice of References Cited

Part of Paper No. 9

1/24/04

OCT 28 2003

Sheet 1 of 1

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-226002	Application No. 09/596,755
	Applicant Hisashi Ohtani		
	Filing Date June 15, 2000	Group Art Unit 1765	

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,001,047	01/04/1977	Boah			
	AB	5,612,250	03/1997	Ohtani et al.			
	AC	5,616,506	04/1997	Takemura			
	AD	5,637,515	06/1997	Takemura			
	AE	5,643,826	07/1997	Ohtani et al.			
	AF	5,840,118	11/24/1998	S. Yamazaki			
	AG	5,932,893	08/1999	Miyanaga et al.			
	AH	5,937,282	07/11/1997	Nakajima et al.			
	AI	5,956,579	09/1999	Yamazaki et al.			
	AJ	5,966,594	10/1999	Adachi et al.			
	AK	5,994,172	11/1999	Ohtani et al.			
	AL						

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	AN							
	AO							
	AP							
	AQ							

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	AS	
	AT	
	AU	

Examiner Signature

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Substitute Disclosure Form (PTO-1449)